

Fig. 1

<u>Cr#</u>	<u>SeparationThld</u>	<u>UnicolorInSuccThld</u>	<u>MinCommercialThld</u>	<u>MaxCommercialThld</u>	<u>RestartThld</u>	<u>DistForSuccThld</u>
Cr1	ST1	UIST1	MinCT1	MaxCT1	RT1	DFST1
Cr2	ST2	UIST2	MinCT2	MaxCT2	RT2	DFST2
Crn	STn	UISTn	MinCTn	MaxCTn	RTn	DFSTn

FIG. 2

10029916.123101

Start 100

Enter command
 $Pct=0$ 110

Context detection
algorithm 112

Frames correctly
identified? 114

Update #Contexts
for each chromosome 115

Calculate Recall and
Precision for each
chromosome 116

117
Select chromosomes

118
Produce $K(t)$: randomly
mate chromosomes

Evaluate each member of
 $K(t)$ 120

$Pct = t+1 = \text{best of } Pct + K(t)$ 122

Converged?
124

done?
126

130
Soft
Restart

END 128

Fig. 3

10029926-123101

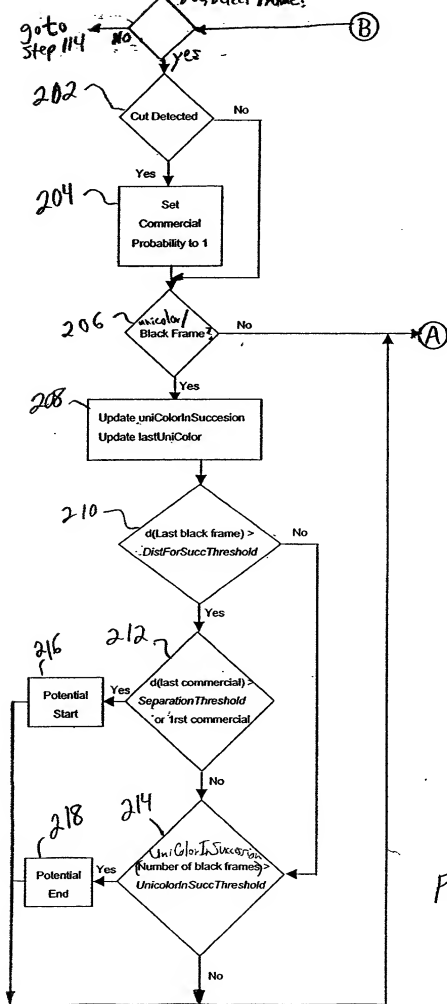


Fig. 4a

226 Increase
Total Identified

233

Make
Record

233

B

Set Commercial
Probability to 0

234

232

220

A

222

224

226

230

228

Fig. 4b

10020016-123101

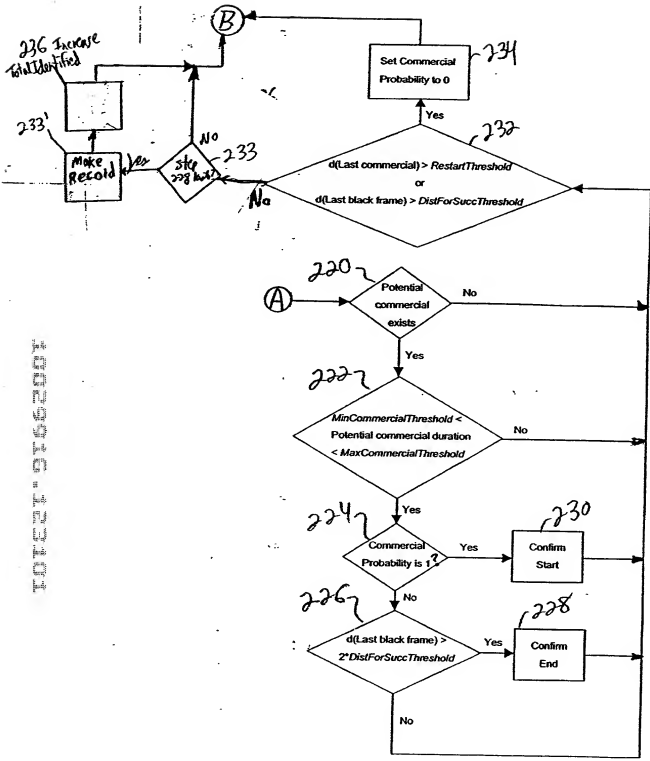


Fig. 5a

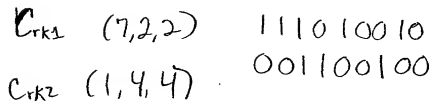
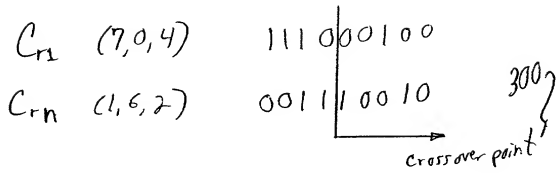


Fig. 5b

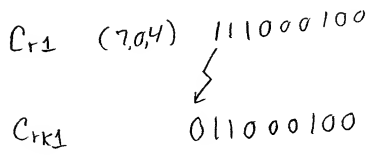


Fig. 5c

10029018.123401